Envisioning the Future of the Information Commons through Technology

7th Annual Teaching, Learning & Technology Conference
University of Southern California

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Home to:

- Art, Architecture & Engineering Library
- Computer Aided Engineering Network (CAEN)
- Digital Media Commons
Duderstadt Center

- Opened 1996
- 250,000 sq. ft.
- 24/7 operation
- 600,000 vols.
- 2,000 journals
aka “The Dude”

Typical Users:

- 40% Juniors or Seniors
- 45% Grad students
- 53% use daily
- 49% use between 2-6 hrs.
- 22% use 6+ hours
Duderstadt Center

- 400+ computers
Duderstadt Center

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- 3D & Virtual Reality Labs
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- Audio, Video & Electronic Music Studios
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- Audio, Video & Electronic Music Studios
- Teleconferencing Suites
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- Teleconferencing Suites
- Computer Classrooms
Current Collaborative Projects

- 3D Lab &
  Visual Resources Collection

Technology assistance creating 3D architectural collection.
Current Collaborative Projects

- Digital Asset Management System (DAMS) & Arts Videography Program

Collaborative production environment.
Current Collaborative Projects

- Ctools / Sakai & Library’s Electronic Reserves

Integration of Library Resources with Learning Management Software
Current Collaborative Projects

- Cflix & Library’s Video Collections

Network distribution of video
The next big thing
Trend #1

Widespread Wireless

• Near broadband performance
• Range measured in miles
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Improved Infrastructure
- Upgrades to Campus Cable & Wireless
- Alternative technology solutions
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Cheaper - Better Displays
- Price drop in flat screens
- More powerful desktop machines
- Improved legibility
- Organic LED

Improved Video Access
Trend #2

- Ubiquitous high speed wireless networks
- Small mobile personal devices
- Integrated personal communications
- Cheap, very large personal storage

Wearable Computing
Trend #3

Intelligence around access

Better integration of library resources with campus learning systems and across institutions.

Massive scanning

Paradigm shift in basic library services & thinking.
Trend #4???

- More institutional assertiveness about fair use.
- More corporations who discover that a less restrictive interpretation of copyright is good for their business.
- More willingness in Congress to hear the other side of the story.

*Wishful thinking about Copyright*
Useful UM URLs

Sakai Project
http://sakaiproject.org

Art, Architecture & Engineering Library
http://www.lib.umich.edu/AAEL